



Safety Data Sheet

1. Product And Company Identification


Product Identifier: PIG Steel Repair Putty (MSD-162)
General Use: PIG Steel Repair Putty is a hand kneadable, steel reinforced epoxy putty designed to provide a quick repair to ferrous and aluminum metals.
Product Description: A metallic/black putty stick.
COMPANY PROFILE: **EMERGENCY TELEPHONE:**
 New Pig Corporation INFOTRAC
 One Pork Avenue 200 North Palmetto Street
 Tipton, PA 16684-0304 Leesburg, FL 34748
 Information Number 24 hrs, 7 days/week
 1-800-468-4647 1-800-535-5053
Website: www.newpig.com, **Email:** hothogs@newpig.com

2. Hazards Identification

Warning! Irritant: Product contains chemicals known to cause skin and eye irritation and may cause sensitization by skin contact.

GHS Classification: Skin corrosion/irritation, Category 2
 Serious eye damage/irritation, Category 2
 Skin sensitisation, Category 1
 Acute aquatic toxicity, Category 3

GHS Label Elements

Signal Word: Warning 
 H315 Causes skin irritation
 H317 May cause an allergic skin reaction
 H319 Causes serious eye irritation
 H412 Harmful to aquatic life with long lasting effects

Precautionary Statements:

P264 Wash hands (skin) thoroughly after handling
 P273 Avoid release to the environment
 P280 Wear protective gloves/protective clothing/eye protection/face protection
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P303 + P361 IF ON SKIN: Take off contaminated clothing. Wash contaminated clothing before reuse.
 P332 + P313 IF SKIN irritation occurs: Get medical advice/attention
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 IF eye irritation persists: Get medical advice/attention
 P501 Dispose of contents and container in accordance with all local, regional, national and international regulations

3. Composition/Information on Ingredients

CAS: 14807-96-6	Talc	15-40%
EC: 238-877-9		
CAS: 25068-38-6	Bisphenol-A-epichlorhydrin, epoxy resin	
	OR	
CAS: 25036-25-3	Diglycidyl ether of bisphenol A	10-30%
CAS: 14808-60-7	Silica, crystalline quartz	0.1-1.0%
EC: 238-878-4		

4. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Ingestion: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin Contact: Flush contaminated skin with plenty of soap and water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing and shoes before reuse.

5. Fire Fighting Measures

Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.
Special Fire Fighting Procedures: Do not breathe fumes. Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Hazardous Combustion Products: Carbon dioxide, carbon monoxide, sulfur oxides, halogenated compounds, metal oxide/oxides.
Unusual Hazards: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. Accidental Release Measures

Spill or Leak Procedures: Wear appropriate personal protective equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place into a designated, labeled waste container. Product should not be released into the environment. Prevent entry into sewers, water courses, basements or confined areas. Dispose of via a licensed waste disposal contractor.

Safety Data Sheet

7. Handling and Storage

Handling Precautions: Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Wear impervious gloves when mixing or handling uncured product. Do not ingest. Avoid contact with eyes, skin and clothing. If sanding cured putty or substrates, wear eye protection and dust mask. For prolonged exposure to sanding dust, wear a half face respirator with dust filters. Wash thoroughly after handling, especially before eating, drinking, smoking and using restroom facilities. Wash contaminated goggles, faceshield and gloves. Professionally launder contaminated clothing before re-use.

Storage Precautions: Store in original container protected from direct sunlight in a cool, dry, well ventilated area < 86°F (30°C).
Shelf Life: ~2 years (in original tube with cap on)

General: The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption, or where skin contact can occur.

8. Exposure Controls/Personal Protection

Engineering Controls: Good general ventilation should be sufficient. Use local exhaust or other engineering controls to keep concentrations below PEL/TLV, or during prolonged sanding operations.

PERSONAL PROTECTION

Eyes: Safety glasses or goggles.

Respirator: None required unless sanding or abrading.

Gloves: Appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for a specific operation.

Other: Ensure that eyewash stations and safety showers are close to the workstation location.

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

EXPOSURE LIMITS 8 hrs. TWA (ppm)

	OSHA PEL	ACGIH TLV
Talc	20 mppcf*	2 mg/m ³ *
Silica, crystalline quartz respirable dust	10 mg/m ³ %SiO ₂ +2	0.025 mg/m ³

* Respirable dust for talc containing no asbestos

9. Physical and Chemical Properties

Appearance: Metallic/black putty

Odor: Sulfurous **Threshold:** Not available

pH: Not available

Melting Point/Freezing Point: Not available

Initial Boiling Point and Range: Not available

Flash Point: >200°F (>93°C) **Method:** Setaflash CC

Evaporation Rate: Not available

Flammability Limits: Not available

Conditions of Flammability: Extremely flammable in the presence of open flames, sparks and static discharge.

9. Physical and Chemical Properties (Cont'd)

Explosive Properties: Not available

Vapor Pressure: Not available

Vapor Density: Not available

Relative Density (H₂O = 1): 2.247

Solubility in Water: Insoluble in cold and hot water

Auto-ignition Temperature: Not available

Coefficient of Water/Oil Distribution: Not available

10. Stability and Reactivity

General: This is a stable material.

Conditions of Reactivity: Under normal conditions of storage and use, hazardous reactions will not occur.

Incompatible Materials and Conditions to Avoid:

Temperatures above 95°F (35°C). Oxidizing agents, acids and bases, amines. For compatibility guide, call 1-800-468-4647.

Hazardous Decomposition: Nitrogen oxides. Combustion produces oxides of carbon including highly poisonous carbon monoxide. Sulphur oxides.

Hazardous Polymerization: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

ACGIH, A2 - Crystalline silica is a suspected human carcinogen

Target Organs: No specific data

POTENTIAL HEALTH EFFECTS:

Eye Contact: Causes serious eye irritation. Symptoms may include pain or irritation, watering, redness.

Ingestion: Irritating to mouth, throat and stomach.

Inhalation: Dusts released from sanding hardened putty may cause irritation to the respiratory tract.

Skin Contact: Causes skin irritation. Symptoms may include irritation, redness. May cause an allergic skin reaction.

LD50: Not available

LC50: Not available

Carcinogenicity: Silica, crystalline quartz:

IARC: Category 1

National Toxicology Program: Quartz 14808-60-7

OSHA: See Section 15

California Prop 65: Silica, crystalline (non-respirable). Talc, not containing asbestiform fibers. Carbon black non-respirable

Reproduction Toxicity: Not available

Teratogenicity: Not available

Mutagenicity: Not available

Synergistic Products: Not available

Diglycidyl ether of bisphenol A:

Ingestion: The oral LD50 for rats is 11.4 g/kg.

Skin: Severe irritant, Rabbit: 24 hours 2 Milligrams



Safety Data Sheet

12. Ecological Information

Mobility: Water contaminating.

Persistence and degradability: Not inherently biodegradable

Bioaccumulative potential: Taking into consideration the properties of several components, the product is estimated not to be readily biodegradable according to OECD classification.

Ozone depletion potential: No ozone depleting chemicals are present or used in manufacture.

Toxicity: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. Disposal Considerations

Waste Disposal Method: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contactor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. Transport Information

DOT (Department of Transportation):

Proper Shipping Name: Not regulated

Hazard Class: Not regulated

Identification Number: Not applicable

15. Regulatory Information

CERCLA (Comprehensive Environmental Response

Compensation and Liability Act): No Reportable Quantity

OSHA Hazard Communication Standard, 29 CFR 1910.1200:

Crystalline silica, talc (no asbestos fibers).

SARA Title III (Superfund Amendments and Reauthorization

Act): Crystalline silica non-respirable, Bisphenol-A-epichlorhydrin epoxy resin.

TSCA (Toxic Substances Control Act): Ingredients of this product are on the Inventory list.

State regulations:

Massachusetts: Mineral wool fiber; Soapstone

New Jersey: Soapstone; silica, quartz; quartz (SiO₂); ferrosilicon; ferrocerium

Pennsylvania: Soapstone dust; quartz (SiO₂).

The following is in lieu of all warranties, expressed or implied: All information provided is based on testing and data believed to be accurate.

16. Other Information

WHMIS Classification: Not determined

Reason for Issue: Reviewed, changes to Sections 11 & 16.

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